

REMARKS

Claims 1-58 are pending in the present application. Claims 1, 9, and 17 were amended, and claims 31-50 were canceled. Consequently, claims 1-30, and 51-58 remain pending.

The specification has been amended to incorporate a missing serial number of a related application, and the specification and FIG. 2 have been amended to change "step 20" to "step 19." A replacement sheet for FIG. 2 is attached.

Independent claims 1, 9, and 17 were amended to include some of the recitations from independent claims 25 and 51. The amended claims now recite "a database of web site identifiers that are categorized by environmental factors" that is queried querying based on a wireless device's environment to determine web sites most likely to be requested by a user of the wireless device in that environment. Claims 1, 9, and 17 have further been amended to recite that server policies determine which web site identifiers are sent to the device, and that content from one or more of the identified web sites is automatically pushed to the device in times when bandwidth is not in use to speed responsiveness of the device. Support for the amendments may be found throughout the specification, see for example pages 5, 7, and 9. Accordingly, no new matter has been submitted.

The Examiner rejected claims 1-2, 4-10, 12-18, 20-27, and 29-58 under 35 USC §102(e) as being anticipated by Kim, U.S. Patent No. 6,546,002. The Examiner rejected claims 3, 11, 19, and 28 under 35 USC §103(a) as being unpatentable over Kim further in view of Hancock et al., U.S. Patent No. 6,202,023.

The present invention relates to a method and system for increasing ease-of-use and bandwidth utilization in a wireless device, and more particularly, to a method and system for providing an environment-sensitive user interface for such devices. The claims of the present invention are directed to two aspects of the invention. Independent claims 25 and 51 are directed

to a method for generating and updating a URL database for providing an environmental sensitive user interface on a wireless device, while independent claims 1, 9, and 17 are directed to a method for using the URL database to increase ease-of-use and bandwidth utilization of the wireless device.

During the §102 rejection, the Examiner indicated that claims 9-10, 12-18, 20-27, and 29-58 did not teach or define any new limitations over 1-2, 4-10, 12-18, 20-27, and 29-58. Applicant respectfully points out that the Examiner's assertion is incorrect. As recited in claim 25, the generation of the URL database is accomplished by "collecting information indicating which URLs are accessed by the wireless devices in what environments and categorizing the URLs according to environment; analyzing the information collected for each environment for patterns of use; and forming a location URL database from the patterns of use." Each of those steps is completely different in those recited in original independent claims 1, 9, and 17 and are believed to be patentable over the cited references. As stated above, independent claims 1, 9, and 17 have been amended to comport with claim 25.

In contrast to the claims of the present invention, Kim is directed to an information management and storage system that includes a network based mobile interface agent. The mobile interface agent can be accessible using any computer, cable set-top box, cellular phone, or other device from any geographic location. Once the mobile interface agent has been accessed, the user can gain access to any documents, files, computer programs, applications, URL bookmarks, IP addresses, telephone numbers, television channels, radio stations, menu items, and other pointer data from any computer that is connected to a network. One purpose of Kim's system is to provide a method for remotely accessing and using computer programs from any computer device based upon a per user license to model (col. 4, lines 42-57).

Although Kim teaches profile data stored in a master database, Kim fails to teach or

suggest “a database of web site identifiers that are categorized by environmental factors,” as recited in independent claims 1, 9 and 17. Kim merely teaches a profile manager connected to network that manages the contents of a master database which includes profile data (col. 7, lines 30-33). The profile data includes information relating to different fields of a particular user, including user identification, pointer data, user information, attributes/behavior, statistics, and application services (col. 8, lines 23-29). Kim further describes that the pointer data is similar to bookmarks used at Web browsers, but can include more than one URLs (col. 8, lines 34-36). Nothing in Kim teaches or suggests that the URLs in the profile data among different users are “collected” and categorized according to environment,” as recited in claims 25 and 51.

Further, Kim fails to teach or suggest “receiving information ... about the wireless device’s environment,” and then “querying the database using the environment information to determine web sites most likely to be quick requested by user of the wireless device in the environment,” as recited in claims 1, 9 and 17.

Hancock fails to correct the deficiencies of Kim. Hancock was cited for teaching an Internet based geographic location referencing system that provides local weather as the environment information. However, like Kim, Hancock also fails to teach or suggest a database of web site identifiers categorized by environmental factors that is used to determine web sites most likely to be requested by user in the environment. Hancock also fails to teach or suggest a system and method where “server policies determine which (of the identified) web site identifiers are sent to the device,” as claimed.

In addition, neither Kim or Hancock, alone or in combination, teach the step of “automatically pushing content from one or more of the identified web sites to the device in times when bandwidth is not in use to speed responsiveness of the device.”

Accordingly, for the above identified reasons, the present invention as recited in

independent claims 1, 9, 17, 25, and 51 is neither taught nor suggested by Kim and/or Hancock. Applicant further submits that dependent claims are also allowable because they depend on the above allowable base claims.

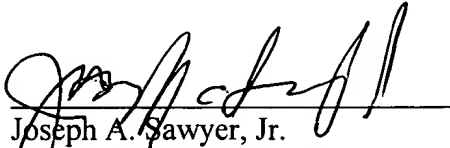
In view of the foregoing, Applicant submits that claims 1-30, and 51-58 are patentable over the cited reference. Applicant, therefore, respectfully requests reconsideration and allowance of the claims as now presented.

Applicants' attorney believes this application in condition for allowance. Should any unresolved issues remain, Examiner is invited to call Applicants' attorney at the telephone number indicated below.

Respectfully submitted,

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